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|--------------------------------------------------------------------------------------------------------------|------------------------------------------------|------------------------------------------------------------------------|
| <b>Search Notes</b><br><br> | <b>Application/Control No.</b><br><br>10553431 | <b>Applicant(s)/Patent Under Reexamination</b><br><br>TAKAHASHI ET AL. |
|                                                                                                              | <b>Examiner</b><br><br>ANTHONY J DANIELS       | <b>Art Unit</b><br><br>2622                                            |

| SEARCHED |          |      |          |
|----------|----------|------|----------|
| Class    | Subclass | Date | Examiner |
|          |          |      |          |

| SEARCH NOTES                                                              |           |          |
|---------------------------------------------------------------------------|-----------|----------|
| Search Notes                                                              | Date      | Examiner |
| searches done in EAST (USPGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM TDB) | 2/16/2009 | AD       |
| 382/209 (text searched - see attached history)                            | 2/16/2009 | AD       |
| searches done in EAST (USPGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM TDB) | 2/22/2010 | AD       |
| 348/113-116 (text searched - see attached history)                        | 2/22/2010 | AD       |

| INTERFERENCE SEARCH |          |      |          |
|---------------------|----------|------|----------|
| Class               | Subclass | Date | Examiner |
|                     |          |      |          |

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